
CDF Operations Report

Sasha Pronko
Fermilab

CDF Weekly Meeting
April 19, 2007



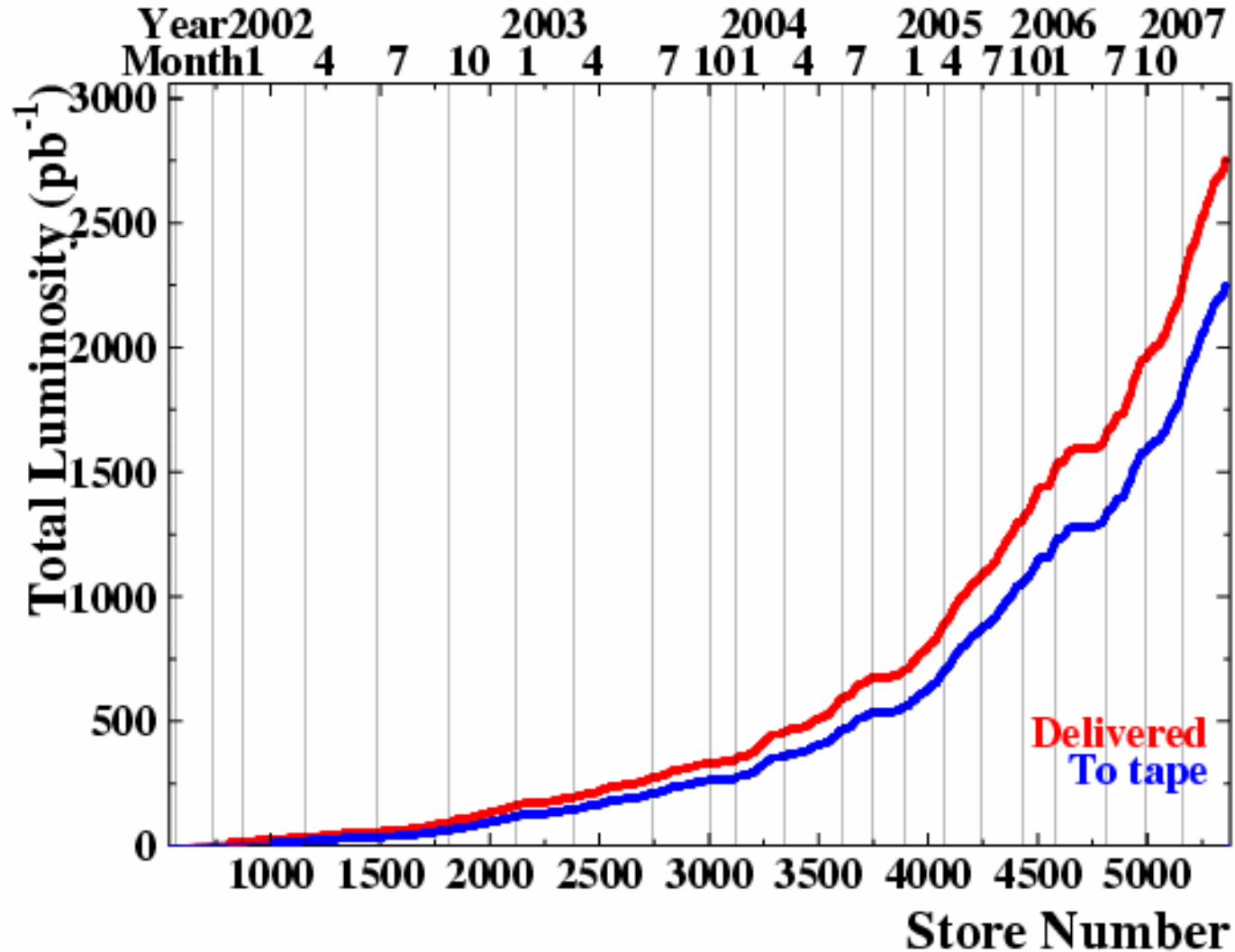
Store Summary (April 11-19)

Store	Start Date	Hours	Init. Lum	Deliv. Lum (pb ⁻¹)	Live Lum (pb ⁻¹)	Good w/Si (pb ⁻¹)	Comments
5348	4/11 Wed	28.0	165.4	5.84	4.73 81.0%	4.67 80.0%	COT HV trip due to SmartSockets, pcal02 ADMEM, CSL tests, RF trip
5351	4/12 Thu	17.2	179.5	4.92	4.48 91.1%	4.48 91.1%	
5352	4/13 Fri	22.3	195.8	6.34	4.7 74.2%	2.77 43.7%	Silicon trip at startup, power cycle pcal10, L3/EVB cleanup
5353	4/14 Sat	24.3	236.8	8.12	7.19 88.5%	7.04 86.7%	Minor HV trips, Losses (Silicon out)
5355	4/16 Mon	27.6	228.7	8.01	6.76 84.5%	6.65 83.0%	CMX SE15 trips, L2upgrade tests, Si-Dmode
5357	4/17 Tue	16.2	159.1	4.45	3.90 87.6%	3.90 87.6%	Silicon trips at startup
5358	4/18 Wed	21.5	213.0	6.69	5.18 77.5%	4.93 73.8%	Power cycle Arch (CCAL HV), Silicon cooling trip (bad sensor)
Total		157.1		44.37	36.94 83.3% ?	34.44 77.6% ?	Not a bad week for J/L... But efficiency < average

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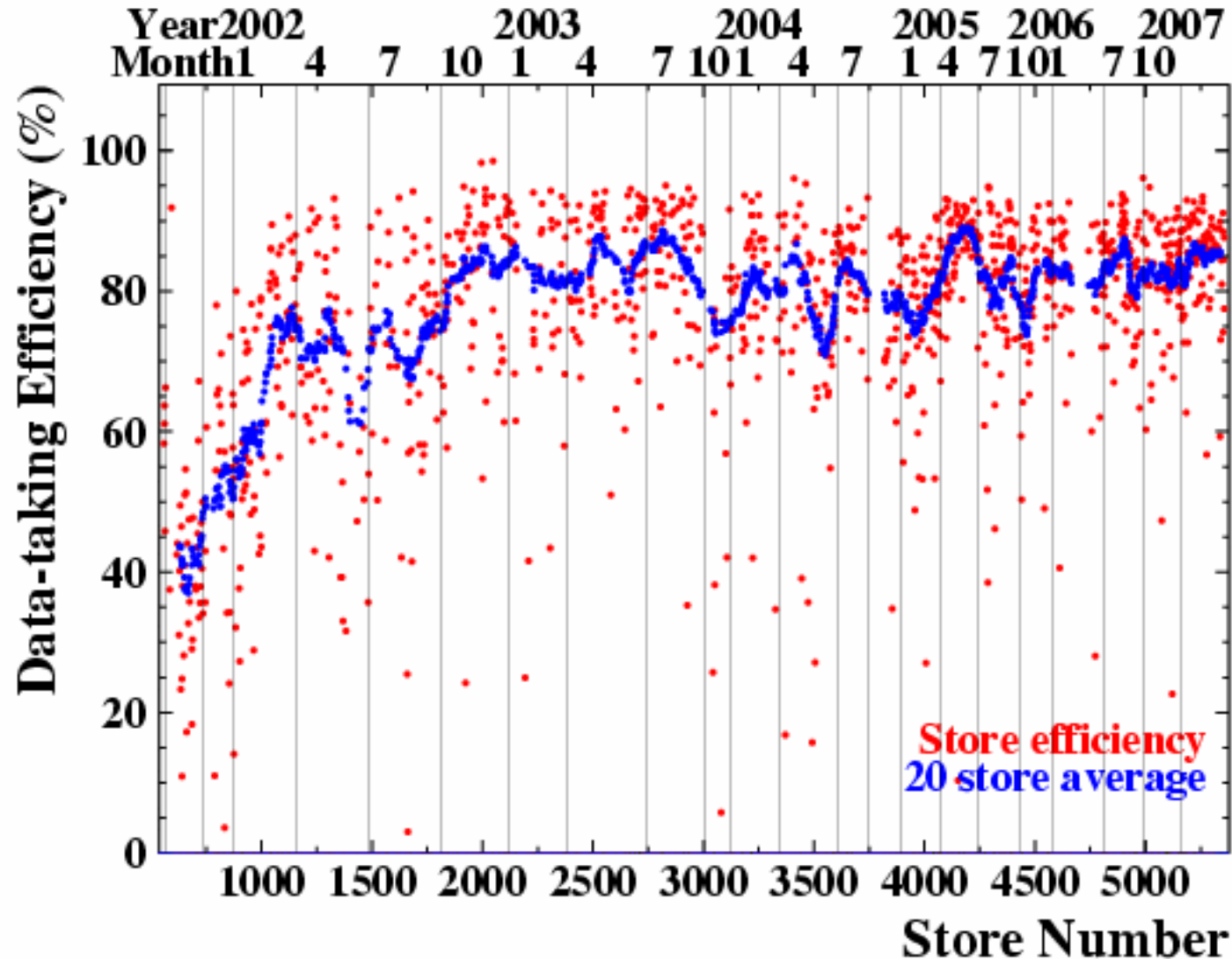
- **Tev**
 - Ran well
- **CDF**
 - **Controlled access on 04/17 (Tue)**
 - “Ice Ball” at the top of solenoid
 - Investigate CMX SE15
 - **Problems this week**
 - Silicon trip at startup (took too long to recover)
 - CCAL HV: power cycling an arch at startup
 - **Other work**
 - L2 upgrade work
 - CSL work
 - **Issues to address**
 - Continue L2 upgrade work
 - Fix plug laser
 - Silicon bias scan

Store summary...



- **~2210 pb^{-1} on tape**
- **Added ~37 pb^{-1} this week!**

Data taking efficiency



- **Data taking efficiency for the week is 83.3%**